TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION Effective January 1, 2009
WIN-94 Revised July 1, 2011

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**. This product shall be subject to reevaluation **November 2012**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

Series 0502/0602/8002/9002 Vinyl Horizontal Slider Replacement Windows, Individual, Non-Impact Resistant, manufactured by:

Alside Window Company
3773 State Road
Cuyahoga Falls, OH 44223
(330) 922-5350

and distributed under the following trade names:

Alside
Associated Materials, Inc.
Gentek Building Products
Revere Building Products

will be acceptable in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

PRODUCT DESCRIPTION

The Series 0502/0602/8002/9002 window is a vinyl horizontal slider replacement window. The horizontal slider window evaluated in this report is an individual, non-impact resistant window. This product evaluation report is for vinyl horizontal slider replacement windows based on the following tested construction:

General Description:

System	Description	Label Rating
1	Series 0502/0602/8002/9002; Individual Vinyl Horizontal Slider Replacement Window; (XX)	HS-LC30 72 x 56
2	Series 0502/0602/8002/9002; Individual Vinyl Horizontal Slider Replacement Window; (XX)	HS-LC40 72 x 48

PRODUCT DESCRIPTION (Continued)

Product Dimensions:

System	Overall Size	Both Operable Sash Sizes
1	72" x 56"	35 3/8" x 51 3/8"
2	72" x 48"	35 3/8" x 43 3/8"

Glazing Description:

System	Glass Construction [1]	Glazing Method [2]
1	IG-1	GM-1
2	IG-1	GM-1

Note: [1] See the "Glass Construction Key" for the glazing construction.
[2] See the "Glazing Method Key" for the glazing method description.

Glass Construction Key:
IG-1: Both sashes contain a sealed insulating glass unit. The sealed insulating glass units are comprised of two double strength (1/8 ") annealed glass lites separated by a desiccant-filled steel spacer system. The glass thickness and type used in the tested assembly and in smaller assemblies shall comply with ASTM e 1300-04.

Glazing Method Key:
GM-1: The insulating glass units are interior glazed with double-sided adhesive tape and secured with co-extruded vinyl glazing beads.

Frame Construction: The frame members are manufactured from extruded vinyl (PVC). The frame corners are mitered and welded construction. The sill contains drop-in PVC sill tracks.

Sash Construction: The sash members are manufactured from extruded vinyl (PVC). The sash corners are mitered and welded construction.

Reinforcement: Roll-formed steel reinforcement is utilized in the meeting stiles. The reinforcement extends the length of the members.

Hardware:

Description	Location
Metal cam type lock	Interior meeting stiles
Keepers	Aligned with cam locks, located on exterior meeting rail
Anti-lift blocks	Head
Dual metal rollers in plastic housing	Bottom rail of each sash
Ventilation lock	Bottom rail of the interior sash

Product Identification: A certification program label (AMAA) will be affixed to the window. The certification program label includes the manufacturer's name, the product name: **0502/0602/8002/9002**; performance characteristics; the approved inspection agency (AAMA); and the following applicable standard: AAMA/WDMA 101/I.S.2./A440-05.

LIMITATIONS

Design pressures:

System	Maximum Width (in.)	Maximum Height (in.)	Design Pressures (psf)
1	72	56	± 30
2	72	48	± 40

Impact Resistance: These window assemblies do not satisfy the Texas Department of Insurance's criteria for protection from windborne debris. These window assemblies will need to be protected with an impact protective system when installed in areas where windborne debris protection is required.

Acceptance of Smaller Assemblies: Window assemblies with dimensions equal to or smaller than those specified above are acceptable within the limitations specified in this report.

INSTALLATION INSTRUCTIONS

General: The window assembly shall be installed in accordance with the manufacturer's installation instructions. The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber.

Installation:

System 1 and 2:

Wall Framing: Minimum Spruce-Pine-Fir.
Fasteners: Head, sill and jambs: Minimum No. 10 x 3" long PFH wood screws.

Attachment: Install in accordance with engineering drawing TX-4098 or TX-4099, dated February 8, 2011, signed & sealed by Lyndon F. Schmidt, P.E. on February 8, 2011. The windows shall be secured to the wood framing members. The fasteners shall penetrate through the head and jambs of the window frame into the wood framing members. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing members.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC); the International Building Code (IBC); and the Texas Revisions.